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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

JUN 21 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Application Number

10/801,190

Filing Date

MARCH 15, 2004

First Named Inventor

LIHUA LI, ET AL.

Group Art Unit

UNKNOWN

Examiner Name

UNKNOWN

Attorney Docket Number

AMAT/8670/DSM/LOW K/JW

Submission Date

06/16, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-6,673,725 B2	01/06/2004	Shioya, et al.	
	A2	US-6,627,532 B1	09/30/2003	Gaillard, et al.	
	A3	US-6,645,883 B2	11/11/2003	Yamamoto, et al.	
	A4	US-6,624,053 B2	09/23/2003	Passemard	
	A5	US-6,593,247	07/15/2003	Huang, et al.	
	A6	US-6,570,256	05/27/2003	Conti, et al.	
	A7	US-6,541,369	04/01/2003	Huang, et al.	
	A8	US-6,537,733 B2	03/25/2003	Campana, et al.	
	A9	US-6,532,150	07/30/1985	Endo, et al.	
	A10	US-6,528,423	03/04/2003	Catabay, et al.	
	A11	US-6,511,909 B1	01/28/2003	Yau, et al.	
	A12	US-6,489,238 B1	12/03/2002	Tsui	
	A13	US-6,486,061	11/26/2002	Xia, et al.	
	A14	US-6,465,366	10/15/2002	Nemani, et al.	
	A15	US-6,436,824 B1	08/20/2002	Chool, et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	WO 00/19498	04/06/2000			
	B2	EP 1 176 226 A1	01/30/2002			
	B3					
	B4					
	B5					

Examiner

Date Considered

5/11/2005

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		10/801,190	
				Filing Date		MARCH 15, 2004	
				First Named Inventor		LIHUA LI, ET AL.	
				Group Art Unit		UNKNOWN	
				Examiner Name		UNKNOWN	
				Attorney Docket Number		AMAT/8670/DSM/LOW K/JW	
Sheet	2	of	4	Submission Date		6/16, 2004	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A19-A36	A19	US-6,340,435	01/22/2002	Bjorkman, et al.	
	A20	US-6,316,167	12/13/2001	Angelopoulos, et al.	
	A21	US-6,287,990	09/11/2001	Cheung, et al.	
	A22	US-6,159,871	12/12/2000	Loboda, et al.	
	A23	US-6,147,009	11/14/2000	Grill, et al.	
	A24	US-6,147,009	11/14/2000	Grill, et al.	
	A25	US-6,140,226	10/31/2000	Grill, et al.	
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	A31	US-5,818,071	10/06/1998	Loboda, et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
B1-B5	B1					
	B2					
	B3					
	B4					
	B5					

Examiner <i>Shawville</i>	Date Considered <i>5/11/2005</i>
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		Filing Date	MARCH 15, 2004
		First Named Inventor	LIHUA LI, ET AL.
		Group Art Unit	UNKNOWN
		Examiner Name	UNKNOWN
		Attorney Docket Number	AMAT/8670/DSM/LOW K/JW
Sheet 3	of 4	Submission Date	6/16, 2004

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
S	A37	US-5,087,959	02/11/1992	Omori, et al.	S
	A38	US-4,532,150	07/30/1985	Endo, et al.	
	A39	US-2003/0139062 A1	07/24/2003	Grill, et al.	
	A40	US-2003/0129827 A1	07/10/2003	Lee, et al.	
	A41	US-2003/0111730 A1	06/19/2003	Takeda, et al.	
	A42	US-2003/0089988 A1	05/15/2003	Matsuura	
	A43	US-2003/0077916	04/24/2003	Xu, et al.	
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	A46	US-2003/0022526	01/30/2003	Vyvoda, et al.	
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	A50	US-2002/0054982	05/09/2002	Dietrich, et al.	
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	A52	US-			
	A53	US-			
	A18	US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
S	B1			S		
	B2					
	B3					
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[Signature]

Date Considered

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		Filing Date	MARCH 15, 2004
		First Named Inventor	LIHUA LI, ET AL.
		Group Art Unit	UNKNOWN
		Examiner Name	UNKNOWN
		Attorney Docket Number	AMAT/8670/DSM/LOW K/JW
		Submission Date	6/16/2004
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>Q</i>	C1	PCT International Search Report for US 02/40034, dated May 19, 2003 (AMAT/6084.PC)	
<i>Q</i>	C2	WU, ET AL. "Advanced Metal Barrier Free Cu Damascene Interconnects with PECVD Silicon Carbide Barriers for 90/65nm BEOL Technology", 2002 IEEE, IEDM Pages 595-598.	
<i>Q</i>	C3	United States Patent Application No: 10/383,837, filed March 7, 2003 (AMAT/7838)	
	C4		

Examiner <i>Samuel A. [Signature]</i>	Date Considered <i>5/11/2005</i>
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